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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Ali S. Sadri et al.

Title: ADAPTIVE CHANNELIZATION SCHEME FOR HIGH THROUGHPUT MULTICARRIER SYSTEMS

Docket No.: 1000-0032

Serial No.: 10/812,284

Filed: March 29, 2004

Due Date: July 10, 2007

Examiner: Jean Alland Gelin

Group Art Unit: 2617

**MS Amendment**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

We are transmitting herewith the following attached items (as indicated with an "X"):

☒ Return postcard and transmittal document.

☒ An Amendment and Response (17 Pages).

Customer Number: 45643

By *John C. Scott*  
John C. Scott  
Reg. No. 38,613

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 26th day of June, 2007.

*Shellie Bailey*  
Shellie Bailey

(GENERAL)

S/N 10/812,284

PATENT



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AMENDMENT AND RESPONSE UNDER 37 CFR § 1.111

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Applicant has reviewed the Office Action mailed on April 10, 2007. Please amend the above-identified patent application as follows.